



|   |  |  |
|---|--|--|
| <b>Index of Claims</b><br> | <b>Application/Control No.</b><br>10731739 | <b>Applicant(s)/Patent Under Reexamination</b><br>CARULLI ET AL. |
|   | <b>Examiner</b><br>Qian Ph.D., Celine X    | <b>Art Unit</b><br>1636  |


|   |                 |   |                   |   |                     |   |                 |
|---|-----------------|---|-------------------|---|---------------------|---|-----------------|
| ✓ | <b>Rejected</b> | - | <b>Cancelled</b>  | N | <b>Non-Elected</b>  | A | <b>Appeal</b>   |
| = | <b>Allowed</b>  | ÷ | <b>Restricted</b> | I | <b>Interference</b> | O | <b>Objected</b> |

| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |            |            |            | <input type="checkbox"/> CPA |  | <input type="checkbox"/> T.D. |  | <input type="checkbox"/> R.1.47 |  |
|---|----------|------------|------------|------------|------------------------------|--|-------------------------------|--|---------------------------------|--|
| CLAIM   |          | DATE       |            |            |                              |  |                               |  |                                 |  |
| Final   | Original | 08/03/2006 | 01/25/2007 | 06/08/2007 |                              |  |                               |  |                                 |  |
| 1   | 1        | =          | =          | =          |                              |  |                               |  |                                 |  |
| 2   | 2        | =          | =          | =          |                              |  |                               |  |                                 |  |
|   | 3        |            |            | -          |                              |  |                               |  |                                 |  |
| 3   | 4        | =          | =          | =          |                              |  |                               |  |                                 |  |
| 4   | 5        | ✓          | =          | =          |                              |  |                               |  |                                 |  |
|   | 6        | =          | ✓          | -          |                              |  |                               |  |                                 |  |
| 5   | 7        | =          | =          | =          |                              |  |                               |  |                                 |  |
|   | 8        | =          | ✓          | -          |                              |  |                               |  |                                 |  |
|   | 9        |            |            | -          |                              |  |                               |  |                                 |  |
|   | 10       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 11       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 12       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 13       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 14       | N          | N          | -          |                              |  |                               |  |                                 |  |
|   | 15       | N          | N          | -          |                              |  |                               |  |                                 |  |
|   | 16       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 17       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 18       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 19       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 20       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 21       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 22       | N          | N          | -          |                              |  |                               |  |                                 |  |
|   | 23       | N          | N          | -          |                              |  |                               |  |                                 |  |
|   | 24       | N          | N          | -          |                              |  |                               |  |                                 |  |
|   | 25       | N          | N          | -          |                              |  |                               |  |                                 |  |
|   | 26       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 27       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 28       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 29       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 30       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 31       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 32       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 33       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 34       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 35       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 36       |            |            | -          |                              |  |                               |  |                                 |  |

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|   | <b>Examiner</b><br>Qian Ph.D., Celine X    | <b>Art Unit</b><br>1636  |

|   |                 |   |                   |   |                     |   |                 |
|---|-----------------|---|-------------------|---|---------------------|---|-----------------|
| ✓ | <b>Rejected</b> | - | <b>Cancelled</b>  | N | <b>Non-Elected</b>  | A | <b>Appeal</b>   |
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| CLAIM   |          | DATE       |            |            |                              |  |                               |  |                                 |  |
| Final   | Original | 08/03/2006 | 01/25/2007 | 06/08/2007 |                              |  |                               |  |                                 |  |
|   | 73       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 74       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 75       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 76       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 77       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 78       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 79       |            |            | -          |                              |  |                               |  |                                 |  |
|   | 80       | N          | N          | -          |                              |  |                               |  |                                 |  |
| 6   | 81       | =          | =          | =          |                              |  |                               |  |                                 |  |
| 7   | 82       | =          | =          | =          |                              |  |                               |  |                                 |  |
| 8   | 83       | =          | =          | =          |                              |  |                               |  |                                 |  |
|   | 84       | ✓          | ✓          | -          |                              |  |                               |  |                                 |  |
|   | 85       | ✓          | ✓          | -          |                              |  |                               |  |                                 |  |
|   | 86       | ✓          | ✓          | -          |                              |  |                               |  |                                 |  |
|   | 87       | ✓          | ✓          | -          |                              |  |                               |  |                                 |  |
|   | 88       | ✓          | =          | -          |                              |  |                               |  |                                 |  |
|   | 89       | ✓          | =          | -          |                              |  |                               |  |                                 |  |
| 9   | 90       | =          | =          | =          |                              |  |                               |  |                                 |  |
| 10  | 91       | =          | =          | =          |                              |  |                               |  |                                 |  |
| 11  | 92       | =          | =          | =          |                              |  |                               |  |                                 |  |
| 12  | 93       | =          | =          | =          |                              |  |                               |  |                                 |  |
| 13  | 94       | =          | =          | =          |                              |  |                               |  |                                 |  |
| 14  | 95       | =          | =          | =          |                              |  |                               |  |                                 |  |
| 15  | 96       | =          | =          | =          |                              |  |                               |  |                                 |  |
|   | 97       | ✓          | ✓          | -          |                              |  |                               |  |                                 |  |
|   | 98       | ✓          | ✓          | -          |                              |  |                               |  |                                 |  |
|   | 99       | ✓          | ✓          | -          |                              |  |                               |  |                                 |  |
|   | 100      | ✓          | ✓          | -          |                              |  |                               |  |                                 |  |

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| Final   | Original | 08/03/2006 | 01/25/2007 | 06/08/2007                   |  |                               |  |                                 |  |
|   | 37       |            |            | -                            |  |                               |  |                                 |  |
|   | 38       |            |            | -                            |  |                               |  |                                 |  |
|   | 39       |            |            | -                            |  |                               |  |                                 |  |
|   | 40       |            |            | -                            |  |                               |  |                                 |  |
|   | 41       |            |            | -                            |  |                               |  |                                 |  |
|   | 42       |            |            | -                            |  |                               |  |                                 |  |
|   | 43       |            |            | -                            |  |                               |  |                                 |  |
|   | 44       |            |            | -                            |  |                               |  |                                 |  |
|   | 45       |            |            | -                            |  |                               |  |                                 |  |
|   | 46       |            |            | -                            |  |                               |  |                                 |  |
|   | 47       |            |            | -                            |  |                               |  |                                 |  |
|   | 48       |            |            | -                            |  |                               |  |                                 |  |
|   | 49       |            |            | -                            |  |                               |  |                                 |  |
|   | 50       |            |            | -                            |  |                               |  |                                 |  |
|   | 51       |            |            | -                            |  |                               |  |                                 |  |
|   | 52       |            |            | -                            |  |                               |  |                                 |  |
|   | 53       |            |            | -                            |  |                               |  |                                 |  |
|   | 54       |            |            | -                            |  |                               |  |                                 |  |
|   | 55       |            |            | -                            |  |                               |  |                                 |  |
|   | 56       |            |            | -                            |  |                               |  |                                 |  |
|   | 57       |            |            | -                            |  |                               |  |                                 |  |
|   | 58       |            |            | -                            |  |                               |  |                                 |  |
|   | 59       |            |            | -                            |  |                               |  |                                 |  |
|   | 60       |            |            | -                            |  |                               |  |                                 |  |
|   | 61       |            |            | -                            |  |                               |  |                                 |  |
|   | 62       |            |            | -                            |  |                               |  |                                 |  |
|   | 63       |            |            | -                            |  |                               |  |                                 |  |
|   | 64       |            |            | -                            |  |                               |  |                                 |  |
|   | 65       |            |            | -                            |  |                               |  |                                 |  |
|   | 66       |            |            | -                            |  |                               |  |                                 |  |
|   | 67       |            |            | -                            |  |                               |  |                                 |  |
|   | 68       |            |            | -                            |  |                               |  |                                 |  |
|   | 69       |            |            | -                            |  |                               |  |                                 |  |
|   | 70       |            |            | -                            |  |                               |  |                                 |  |
|   | 71       |            |            | -                            |  |                               |  |                                 |  |
|   | 72       |            |            | -                            |  |                               |  |                                 |  |